## What is claimed is:

- 1 1. A method for operating a wireless device, comprising:
- 2 receiving a wireless signal from a wireless body appliance being worn by a user
- 3 that indicates that said user has been authenticated;
- 4 determining whether said user is within a predetermined distance of the wireless
- 5 device; and
- 6 when said user is within a predetermined distance of said wireless device,
- 7 automatically logging said user in to said wireless device.
- 1 2. The method of claim 1, wherein:
- 2 said wireless body appliance authenticates said user using biometric
- 3 authentication.
- 1 3. The method of claim 1, wherein:
- 2 said wireless body appliance is a piece of jewelry.
- 1 4. The method of claim 1, wherein:
- determining whether said user is within a predetermined distance of the wireless
- 3 device includes determining whether a power level being received from said wireless
- 4 body appliance is above a threshold level.
- 1 5. The method of claim 1, wherein:
- when said user is within a predetermined distance of said wireless device and
- 3 said user is logged in to said wireless device, automatically unlocking said wireless
- 4 device.
- 1 6. The method of claim 1, wherein:
- when said user is not within a predetermined distance of said wireless device
- 3 and said user is logged in to said wireless device, automatically locking said wireless
- 4 device.

- 1 7. A wireless body appliance comprising:
- at least one biometric sensor to measure biometric information from a user
- 3 wearing said wireless body appliance;
- a biometric authentication unit to determine whether said user is an authorized
- 5 user associated with said body appliance, based on said biometric information; and
- a wireless transmitter to transmit a signal indicating that said user has been
- 7 authenticated when said biometric authentication unit determines that said user is an
- 8 authorized user.
- 1 8. The wireless body appliance of claim 7, wherein:
- 2 said body appliance is a piece of jewelry.
- 1 9. The wireless body appliance of claim 7, wherein:
- 2 said body appliance includes one of the following: a ring, a locket, a brooch, a
- 3 bracelet, a necklace, a watch, and a wearable telephone.
- 1 10. The wireless body appliance of claim 7, wherein:
- 2 said at least one biometric sensor includes at least one of the following: a
- 3 fingerprint sensor, a retinal scanner, a voice sensor, a body chemistry sensor, a skin
- 4 temperature sensor, a skin texture sensor, a hand geometry sensor, a heartbeat sensor, a
- 5 camera.
- 1 11. The wireless body appliance of claim 7, wherein:
- 2 said wireless transmitter is configured in accordance with a Bluetooth protocol.
- 1 12. The wireless body appliance of claim 7, further comprising:
- 2 at least one notification structure for use in notifying said user of the occurrence
- 3 of an event.

- 1 13. The wireless body appliance of claim 12, wherein:
- 2 said at least one notification structure includes multiple different notification
- 3 structures, wherein the particular notification structure that is used to notify a user
- 4 depends on a current location of the user.
- 1 14. The wireless body appliance of claim 12, wherein:
- 2 said at least one notification structure includes at least one of: a vibrating
- 3 element, an audible tone generator, an illumination device, a heating element, and a
- 4 cooling element.
- 1 15. A wireless device comprising:
- 2 a user interface;
- a controller to control operation of said wireless device, said controller being in
- 4 communication with said user interface to accept input from a user and to deliver output
- 5 to said user; and
- a wireless transceiver to support wireless communication with at least one other
- 7 wireless entity;
- 8 wherein said controller is programmed to: receive an indication that a user has
- 9 been authenticated by a wireless body appliance being worn by said user, determine
- whether said authenticated user is within a predetermined distance of said wireless
- device, and automatically log in said authenticated user to said wireless device when
- said authenticated user is determined to be within a predetermined distance of said
- 13 wireless device.
- 1 16. The wireless device of claim 15, wherein:
- 2 said user interface includes at least one of the following: a display, a keypad, a
- 3 keyboard, a touch screen, a stylus, a mouse, scroll buttons, a track ball, a joystick, and
- 4 control buttons.

- 1 17. The wireless device of claim 15, wherein:
- 2 said controller determines whether said user is within a predetermined distance
- 3 of said wireless device by determining whether a power level being received from said
- 4 wireless body appliance is above a threshold level.
- 1 18. The wireless device of claim 15, wherein:
- 2 said wireless transceiver is configured in accordance with a Bluetooth protocol.
- 1 19. The wireless device of claim 15, wherein:
- 2 said controller is programmed to automatically unlock said wireless device
- 3 when said user is within a predetermined distance of said wireless device and said user
- 4 is logged in to said wireless device.
- 1 20. The wireless device of claim 15, wherein:
- 2 said controller is programmed to automatically lock said wireless device when
- 3 said user is not within a predetermined distance of said wireless device and said user is
- 4 logged in to said wireless device.
- 1 21. The wireless device of claim 15, wherein:
- 2 said controller is programmed to send a wireless notification signal to said
- 3 wireless body appliance when a predetermined event occurs, wherein said wireless
- 4 body appliance notifies said user in response to said wireless notification signal.
- 1 22. A method for use in a wireless network in which a wireless device
- 2 communicates with a wireless body appliance being worn by a user, comprising:
- 3 identifying one or more events for which the user is to be notified via the
- 4 wireless body appliance; and

- when an identified event occurs, transmitting a wireless notification signal to the wireless body appliance to notify the user of the occurrence.
  - 23. The method of claim 22, wherein:

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- said one or more events includes at least one of the following: receiving a telephone call within the wireless device, receiving an email message within the wireless device, receiving an instant message within the wireless device, receiving a facsimile message within the wireless device, receiving a telephone call from a particular source within the wireless device, receiving an email message from a particular source within the wireless device, receiving an instant message from a particular source within the wireless device, receiving a facsimile message from a particular source within the wireless device, a scheduled task reminder occurring, a scheduled calendar reminder occurring, a change in a calendar, a change in a to do list, a change in a task list, and a stock price reaching a specified value.
- 1 24. The method of claim 22, wherein:
- 2 said one or more events are user specified.
- 1 25. The method of claim 22, further comprising:
- 2 identifying types of notification to be given by the wireless body appliance in
- 3 different types of locations.
- 1 26. The method of claim 25, wherein:
- 2 transmitting a wireless notification signal includes:
- determining a present location of the wireless device;
- determining whether one or more types of notification have been
- 5 identified for said present location; and

- 6 configuring said wireless notification signal to provide the identified
- types of notification within the wireless body appliance when one or more types
- 8 of notification have been identified for said present location.
- 1 27. The method of claim 25, wherein:
- 2 identifying types of notification includes identifying at least one of the following
- 3 types of notification for a first type of location: vibration, audible signal, illumination,
- 4 increased temperature, and decreased temperature.
- 1 28. The method of claim 22, wherein:
- 2 said wireless body appliance is a piece of jewelry.
- 1 29. An article comprising a storage medium having instructions stored thereon that,
- 2 when executed by a computing platform, operate to:
- 3 receive a wireless signal from a wireless body appliance being worn by a user
- 4 that indicates that said user has been authenticated;
- 5 determine whether said user is within a predetermined distance of the wireless
- 6 device; and
- when said user is within a predetermined distance of said wireless device,
- 8 automatically log said user in to said wireless device.
- 1 30. The article of claim 29, wherein said storage medium further includes
- 2 instructions that, when executed by the computing platform, operate to:
- 3 when said user is within said predetermined distance of said wireless device and
- 4 said user is logged in to said wireless device, automatically unlock said wireless device.
- 1 31. The article of claim 29, wherein said storage medium further includes
- 2 instructions that, when executed by the computing platform, operate to:

- when said user is not within a predetermined distance of said wireless device
- 4 and said user is logged in to said wireless device, automatically lock said wireless
- 5 device.
- 1 32. A wireless device comprising:
- 2 at least one dipole antenna;
- 3 a user interface;
- 4 a controller to control operation of said wireless device, said controller being in
- 5 communication with said user interface to accept input from a user and to deliver output
- 6 to said user; and
- a wireless transceiver, coupled to said at lest one dipole antenna, to support
- 8 wireless communication with at least one other wireless entity;
- 9 wherein said controller is programmed to: receive an indication that a user has
- been authenticated by a wireless body appliance being worn by said user, determine
- whether said authenticated user is within a predetermined distance of said wireless
- device, and automatically log in said authenticated user to said wireless device when
- said authenticated user is determined to be within a predetermined distance of said
- 14 wireless device.
- 1 33. The wireless device of claim 32, wherein:
- 2 said wireless transceiver is configured in accordance with a Bluetooth protocol.
- 1 34. The wireless device of claim 32, wherein:
- 2 said controller is programmed to automatically unlock said wireless device
- 3 when said user is within a predetermined distance of said wireless device and said user
- 4 is logged in to said wireless device.
- 1 35. The wireless device of claim 32, wherein:

- 2 said controller is programmed to automatically lock said wireless device when
- 3 said user is not within a predetermined distance of said wireless device and said user is
- 4 logged in to said wireless device.
- 1 36. The wireless device of claim 32, wherein:
- 2 said controller is programmed to send a wireless notification signal to said
- 3 wireless body appliance when a predetermined event occurs, wherein said wireless
- 4 body appliance notifies said user in response to said wireless notification signal.